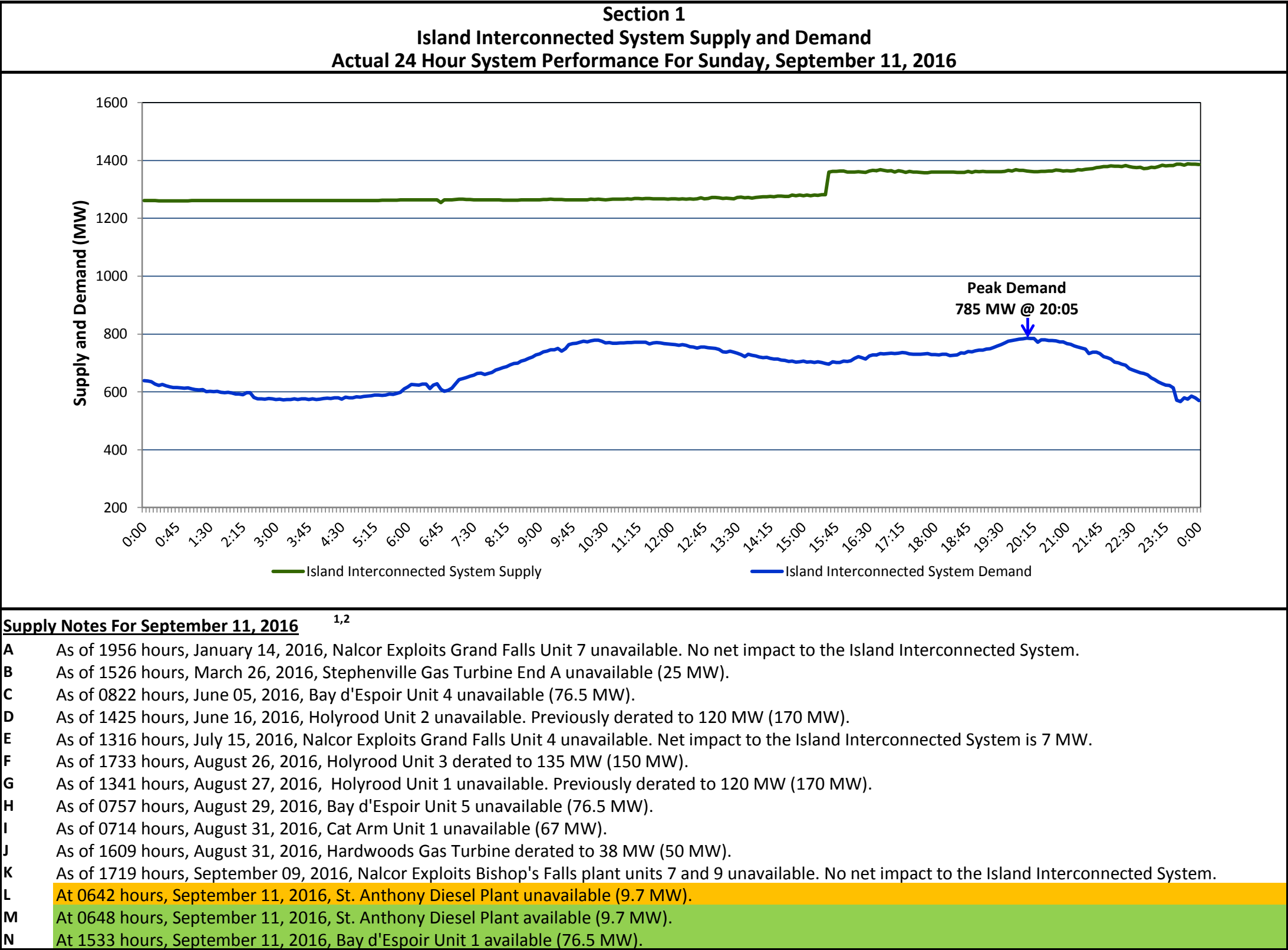


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, September 12, 2016



Section 2					
Island Interconnected Supply and Demand					
Mon, Sep 12, 2016	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,380 MW	Monday, September 12, 2016	16	13	805
	NLH Generation: ⁴ 1,080 MW	Tuesday, September 13, 2016	14	16	785
	NLH Power Purchases: ⁶ 135 MW	Wednesday, September 14, 2016	18	15	795
	Other Island Generation: 165 MW	Thursday, September 15, 2016	12	12	870
Current St. John's Temperature:	18 °C	Friday, September 16, 2016	11	10	870
Current St. John's Windchill:	N/A °C	Saturday, September 17, 2016	9	12	830
7-Day Island Peak Demand Forecast:	870 MW	Sunday, September 18, 2016	12	14	810
Supply Notes For September 12, 2016					
Notes: 1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted. 2. Due to the Island Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. 3. As of 0800 Hours. 4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW). 5. Gross output from all Island sources (including Note 4). 6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.					

Section 3			
Island Peak Demand Information			
Previous Day Actual Peak and Current Day Forecast Peak			
Sun, Sep 11, 2016	Actual Island Peak Demand ⁸	20:05	785 MW
Mon, Sep 12, 2016	Forecast Island Peak Demand		805 MW
Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).			